

Title (en)
THERMOSETTING RESIN COMPOSITION, PREPREG MADE THEREFROM, LAMINATE CLAD WITH METAL FOIL, AND HIGH-FREQUENCY CIRCUIT BOARD

Title (de)
WÄRMEHÄRTENDE HARZZUSAMMENSETZUNG, DARAUS HERGESTELLTES PREPREG, LAMINAT MIT METALLFOLIENKASCHIERUNG UND HOCHFREQUENZLEITERPLATTE

Title (fr)
COMPOSITION DE RÉSINE THERMODURCISSABLE, PRÉIMPRÉGNÉ FABRIQUÉ À PARTIR DE CELLE-CI, STRATIFIÉ REVÊTU DE FEUILLE MÉTALLIQUE, ET CARTE DE CIRCUIT IMPRIMÉ HAUTE FRÉQUENCE

Publication
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Application
EP 17918939 A 20171102

Priority
• CN 201710618306 A 20170726
• CN 2017109051 W 20171102

Abstract (en)
Disclosed are a thermosetting resin composition, a prepreg made therefrom, a laminate clad with a metal foil, and a high-frequency circuit board, wherein the thermosetting resin composition contains thermosetting ingredients. The thermosetting ingredients include a phosphorus-containing monomer or a phosphorus-containing resin and another thermosetting resin containing an unsaturated group, and the phosphorus-containing monomer or the phosphorus-containing resin has a structure as shown in formula I. By using the phosphorus-containing monomer or the phosphorus-containing resin as a cross-linking agent of the other thermosetting resin containing an unsaturated group and by means of a cross-linking reaction of a large number of unsaturated double bonds in the resin, the high-frequency dielectric properties and high-temperature-resistance required by a circuit substrate are provided.

IPC 8 full level
C07F 9/6574 (2006.01)

CPC (source: CN EP KR US)
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C-Set (source: CN EP US)
CN

C08F 287/00 + C08F 230/02

EP

1. **C08F 297/02 + C08F 230/02**
2. **C08F 297/02 + C08F 230/02 + C08F 222/40**
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US

1. **C08F 297/02 + C08F 230/02 + C08F 222/40**
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Designated extension state (EPC)
BA ME

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